Title

isrealvalues( ) — Whether matrix contains only real values

Description Syntax Remarks and examples Conformability
Diagnostics Also see

Description

`isrealvalues(`*X*`)` returns 1 if *X* is of storage type real or if *X* is of storage type complex and all elements are real or missing; 0 is returned otherwise.

Syntax

real scalar `isrealvalues(`*numeric matrix X*`)`

Remarks and examples

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`isrealvalues(`*X*`)` is logically equivalent to *X*`==Re(`*X*`)` but is significantly faster and requires less memory.

Conformability

`isrealvalues(`*X*`)`:

X:	$r \times c$
result:	1×1

Diagnostics

`isrealvalues(`*X*`)` returns 1 if *X* is void and complex.

Also see

[M-5] **isreal( )** — Storage type of matrix

[M-4] **Utility** — Matrix utility functions

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